

## Family Health History

Please answer each question as honestly as possible. There are no right or wrong answers to any of the questions. It is important that you answer as many questions as you can. We are looking for your own answers, and not what you think your doctors, family, or friends want you to say.

Don't feel like you have to spend a long time on each question. The first answer that comes to you is usually the best one. If you aren't sure how to answer a question, choose the best answer from the available choices. Some questions also let you say if you don't know an answer, or would rather not answer.

This module asks you about your family's medical history. You will be shown a list of conditions and asked to select those that certain family members have or had. Understanding your family's experiences with medical issues can tell us a lot about what kinds of medical issues might be related to your genetics. Genetics has to do with traits that are passed down from generation to generation in a family.

***You will be asked questions about your family. Think only of people you are related to by blood including those living or deceased.***

**1. How much do you know about illnesses or health problems for your parents, grandparents, brothers, sisters, and/or children?<sup>1</sup>**

- A lot
- Some
- None at all

*Branching logic: Display following questions if "A lot" or "Some"; End survey if "None at all"*

**2. Please indicate if your mother has ever been diagnosed with the following health conditions and/or health events. Think only of the person you are related to by blood. (select all that apply)<sup>1</sup>**

- Cancer:
  - Bladder cancer
  - Bone cancer
  - Blood or soft tissue cancer
  - Brain cancer
  - Breast cancer
  - Cervical cancer
  - Colon cancer/Rectal cancer
  - Endocrine cancer
  - Endometrial cancer
  - Esophageal cancer
  - Eye cancer
  - Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - Kidney cancer
  - Lung cancer
  - Ovarian cancer
  - Pancreatic cancer

- Skin cancer
  - Stomach cancer
  - Thyroid cancer
  - Other cancer (Please specify: (free text answer))
- Heart and blood conditions:
  - Anemia
  - Aortic aneurysm
  - Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - Congestive heart failure
  - Coronary artery/coronary heart disease (included angina)
  - Heart attack
  - Heart valve disease
  - High blood pressure (Hypertension)
  - High cholesterol
  - Peripheral vascular disease
  - Pulmonary embolism or deep vein thrombosis (DVT)
  - Sickle cell disease
  - Stroke
  - Sudden death
- Digestive conditions:
  - Acid reflux
  - Celiac disease
  - Colon polyps
  - Crohn's disease
  - Diverticulitis/Diverticulosis
  - Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:

- Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure
  - Lou Gehrig's disease (Amyotrophic lateral sclerosis)
  - Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis
  - Pseudogout (CPPD)
  - Rheumatoid arthritis
  - Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Endometriosis
  - Fibroids
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Polycystic ovarian syndrome
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know

- Prefer not to answer

**3. Please indicate if your father has ever been diagnosed with the following health conditions and/or health events. Think only of the person you are related to by blood. (select all that apply)<sup>1</sup>**

- Cancer:
  - Bladder cancer
  - Bone cancer
  - Blood or soft tissue cancer
  - Brain cancer
  - Breast cancer
  - Colon cancer/Rectal cancer
  - Endocrine cancer
  - Esophageal cancer
  - Eye cancer
  - Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - Kidney cancer
  - Lung cancer
  - Pancreatic cancer
  - Prostate cancer
  - Skin cancer
  - Stomach cancer
  - Thyroid cancer
  - Other cancer (Please specify: (free text answer))
- Heart and blood conditions:
  - Anemia
  - Aortic aneurysm
  - Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - Congestive heart failure
  - Coronary artery/coronary heart disease (included angina)
  - Heart attack
  - Heart valve disease
  - High blood pressure (Hypertension)
  - High cholesterol
  - Peripheral vascular disease
  - Pulmonary embolism or deep vein thrombosis (DVT)
  - Sickle cell disease
  - Stroke
  - Sudden death
- Digestive conditions:
  - Acid reflux
  - Celiac disease
  - Colon polyps
  - Crohn's disease

- Diverticulitis/Diverticulosis
  - Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:
  - Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure
  - Lou Gehrig's disease (Amyotrophic lateral sclerosis)
  - Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental Health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis
  - Pseudogout (CPPD)

- Rheumatoid arthritis
  - Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know
- Prefer not to answer

**4. Please indicate if your brothers and/or sisters [people with the same mother and/or father as you] have ever been diagnosed with the following health conditions and/or health events. Think only of those people you are related to by blood. If you have more than one brother or sister, check the box if any of your brothers or sisters have the condition (select all that apply)<sup>1</sup>**

- Cancer:
  - Bladder cancer
  - Bone cancer
  - Blood or soft tissue cancer
  - Brain cancer
  - Breast cancer
  - Cervical cancer
  - Colon cancer/Rectal cancer
  - Endocrine cancer
  - Endometrial cancer
  - Esophageal cancer
  - Eye cancer
  - Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - Kidney cancer
  - Lung cancer
  - Ovarian cancer
  - Pancreatic cancer
  - Prostate cancer
  - Skin cancer
  - Stomach cancer

- Thyroid cancer
  - Other cancer (Please specify: (free text answer))
- Heart and blood conditions:
  - Anemia
  - Aortic aneurysm
  - Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - Congestive heart failure
  - Coronary artery/coronary heart disease (included angina)
  - Heart attack
  - Heart valve disease
  - High blood pressure (Hypertension)
  - High cholesterol
  - Peripheral vascular disease
  - Pulmonary embolism or deep vein thrombosis (DVT)
  - Sick cell disease
  - Stroke
  - Sudden death
- Digestive conditions:
  - Acid reflux
  - Celiac disease
  - Colon polyps
  - Crohn's disease
  - Diverticulitis/Diverticulosis
  - Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:
  - Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure

- Lou Gehrig's disease (Amyotrophic lateral sclerosis)
  - Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis
  - Pseudogout (CPPD)
  - Rheumatoid arthritis
  - Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Endometriosis
  - Fibroids
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Polycystic ovarian syndrome
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know
- Prefer not to answer



**5. Please indicate if your daughter(s) has/have ever been diagnosed with the following health conditions and/or health events. Think only of those people you are related to by blood. (select all that apply)<sup>1</sup>**

- Cancer:
  - ☐ Bladder cancer
  - ☐ Bone cancer
  - ☐ Blood or soft tissue cancer
  - ☐ Brain cancer
  - ☐ Breast cancer
  - ☐ Cervical cancer
  - ☐ Colon cancer/Rectal cancer
  - ☐ Endocrine cancer
  - ☐ Endometrial cancer
  - ☐ Esophageal cancer
  - ☐ Eye cancer
  - ☐ Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - ☐ Kidney cancer
  - ☐ Lung cancer
  - ☐ Ovarian cancer
  - ☐ Pancreatic cancer
  - ☐ Skin cancer
  - ☐ Stomach cancer
  - ☐ Thyroid cancer
  - ☐ Other cancer (Please specify: (free text answer))
- Heart and blood Conditions:
  - ☐ Anemia
  - ☐ Aortic aneurysm
  - ☐ Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - ☐ Congestive heart failure
  - ☐ Coronary artery/coronary heart disease (included angina)
  - ☐ Heart attack
  - ☐ Heart valve disease
  - ☐ High blood pressure (Hypertension)
  - ☐ High cholesterol
  - ☐ Peripheral vascular disease
  - ☐ Pulmonary embolism or deep vein thrombosis (DVT)
  - ☐ Sickle cell disease
  - ☐ Stroke
  - ☐ Sudden death
- Digestive conditions:
  - ☐ Acid reflux
  - ☐ Celiac disease
  - ☐ Colon polyps

- Crohn's disease
  - Diverticulitis/Diverticulosis
  - Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:
  - Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure
  - Lou Gehrig's disease (Amyotrophic lateral sclerosis)
  - Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis

- Pseudogout (CPPD)
  - Rheumatoid arthritis
  - Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Endometriosis
  - Fibroids
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Polycystic ovarian syndrome
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know
- Prefer not to answer

**6. Please indicate if your son(s) has/have ever been diagnosed with the following health conditions and/or health events. Think only of the person you are related to by blood. (select all that apply)<sup>1</sup>**

- Cancer:
  - Bladder cancer
  - Bone cancer
  - Blood or soft tissue cancer
  - Brain cancer
  - Breast cancer
  - Colon cancer/Rectal cancer
  - Endocrine cancer
  - Esophageal cancer
  - Eye cancer
  - Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - Kidney cancer
  - Lung cancer
  - Pancreatic cancer
  - Prostate cancer
  - Skin cancer
  - Stomach cancer
  - Thyroid cancer

- Other cancer (Please specify: (free text answer))
- Heart and blood conditions:
  - Anemia
  - Aortic aneurysm
  - Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - Congestive heart failure
  - Coronary artery/coronary heart disease (included angina)
  - Heart attack
  - Heart valve disease
  - High blood pressure (Hypertension)
  - High cholesterol
  - Peripheral vascular disease
  - Pulmonary embolism or deep vein thrombosis (DVT)
  - Sickle cell disease
  - Stroke
  - Sudden death
- Digestive conditions:
  - Acid reflux
  - Celiac disease
  - Colon polyps
  - Crohn's disease
  - Diverticulitis/Diverticulosis
  - Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:
  - Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure
  - Lou Gehrig's disease (Amyotrophic lateral sclerosis)

- Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis
  - Pseudogout (CPPD)
  - Rheumatoid arthritis
  - Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know
- Prefer not to answer

**7. Please indicate if your grandparent(s) have ever been diagnosed with the following health conditions and/or health events. Think only of those people you are related to by blood. (select all that apply)<sup>1</sup>**

- Cancer:
  - Bladder cancer
  - Bone cancer
  - Blood or soft tissue cancer
  - Brain cancer
  - Breast cancer
  - Cervical cancer
  - Colon cancer/Rectal cancer
  - Endocrine cancer
  - Endometrial cancer
  - Esophageal cancer
  - Eye cancer
  - Head and neck (This includes cancers of the mouth, sinuses, nose, or throat. This does not include brain cancer.)
  - Kidney cancer
  - Lung cancer
  - Ovarian cancer
  - Pancreatic cancer
  - Prostate cancer
  - Skin cancer
  - Stomach cancer
  - Thyroid cancer
  - Other cancer (Please specify: (free text answer))
- Heart and blood conditions:
  - Anemia
  - Aortic aneurysm
  - Atrial fibrillation (or a-fib) or atrial flutter (or a-flutter).
  - Congestive heart failure
  - Coronary artery/coronary heart disease (included angina)
  - Heart attack
  - Heart valve disease
  - High blood pressure (Hypertension)
  - High cholesterol
  - Peripheral vascular disease
  - Pulmonary embolism or deep vein thrombosis (DVT)
  - Sickle cell disease
  - Stroke
  - Sudden death
- Digestive conditions:
  - Acid reflux
  - Celiac disease
  - Colon polyps
  - Crohn's disease
  - Diverticulitis/Diverticulosis

- Gall stones
  - Irritable bowel syndrome (IBS)
  - Liver condition (e.g., cirrhosis)
  - Peptic (stomach) ulcers
  - Ulcerative colitis
- Hormone/endocrine conditions:
  - Hyperthyroidism
  - Hypothyroidism
  - Type 1 diabetes
  - Type 2 diabetes
  - Other/unknown diabetes
- Kidney conditions:
  - Kidney disease
  - Kidney stones
- Lung Conditions:
  - Asthma
  - Chronic lung disease (COPD, emphysema or bronchitis)
  - Sleep apnea
- Brain and nervous system conditions:
  - Dementia (includes Alzheimer's, vascular, etc.)
  - Epilepsy or seizure
  - Lou Gehrig's disease (Amyotrophic lateral sclerosis)
  - Migraine headaches
  - Multiple sclerosis
  - Muscular dystrophy (MD)
  - Narcolepsy
  - Neuropathy
  - Parkinson's disease
  - Restless leg syndrome
- Mental health or substance use of conditions:
  - Alcohol use disorder
  - Anxiety reaction/panic disorder
  - Autism spectrum disorder
  - Bipolar disorder
  - Depression
  - Drug use disorder
  - Schizophrenia
- Bone, joint and muscle conditions:
  - Fibromyalgia
  - Gout
  - Osteoarthritis
  - Osteoporosis
  - Pseudogout (CPPD)
  - Rheumatoid arthritis

- Systemic lupus
  - Spine, muscle, or bone disorders (non-cancer)
- Hearing and eye conditions:
  - Cataracts
  - Glaucoma
  - Macular degeneration
  - Severe hearing loss or partial deafness in one or both ears
- Other conditions:
  - Allergies
  - Endometriosis
  - Fibroids
  - Liver condition (e.g., cirrhosis)
  - Obesity
  - Polycystic ovarian syndrome
  - Reactions to anesthesia (such as hyperthermia)
  - Skin condition (e.g., eczema, psoriasis)
- Other: [FREE TEXT]
- None of the above
- Don't know
- Prefer not to answer

Sources

1. Developed for use in *All of Us*.